

ABSTRACT

A power plant comprising axle 13 fitted with a turning force takeout part and, coaxially arranged thereon, generator 10 capable of outputting a power and 5 rotor 20 driven and rotated by an electromagnetic force imparting means, said electromagnetic force imparting means capable of producing an electromagnetic force with the use of an input power, wherein, with respect to the axle 13, a dimension of position of imparting of a 10 rotary driving force to the rotor in the electromagnetic force imparting means is larger than a dimension of position of output power production in the generator 10 to thereby enable takeout, from the turning force takeout part of the axle 13, of a rotational energy 15 greater than an energy equivalent to an input power applied to the electromagnetic force imparting means. Further, an output power greater than the input power can be taken out with the use of the power plant. The takeout of an output energy greater than the input power 20 is advantageous from the viewpoint of meeting the demand for resource saving and energy saving.